.-online.com antibodies

Datasheet for ABIN392389 anti-Aurora A antibody (N-Term)

3 Images



Overview

| Quantity: | 400 µL |
|----------------------|--|
| Target: | Aurora A (AURKA) |
| Binding Specificity: | AA 90-120, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Aurora A antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| Immunogen: | This AIK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-120 amino acids from the N-terminal region of human AIK. |
|---------------|---|
| Clone: | RB00883 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

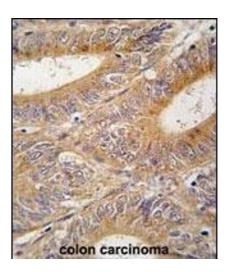
Target Details

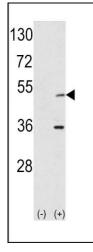
| Target: | Aurora A (AURKA) |
|-------------------|----------------------|
| Alternative Name: | AIK (AURKA Products) |

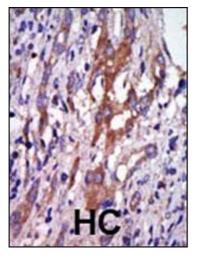
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN392389 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

| Target Details | |
|---------------------|---|
| Background: | Aurora A (AIK) plays a role in cell cycle regulation during anaphase and/or telophase, in relation to the function of the centrosome/spindle pole region during chromosome segregation. Aurora A plays a key role during tumor development and progression and is overexpressed in many human cancers including breast, ovarian and colorectal. Aurora A is viewed as a potential target for anticancer drug treatment. |
| Molecular Weight: | 45809 |
| Gene ID: | 6790 |
| NCBI Accession: | NP_003591, NP_940835, NP_940836, NP_940837, NP_940838, NP_940839 |
| UniProt: | 014965 |
| Pathways: | Cell Division Cycle, Asymmetric Protein Localization |
| Application Details | |
| Application Notes: | WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:50~100 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN392389 | 09/12/2023 | Copyright antibodies-online. All rights reserved.







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with AIK antibody (N-term) (ABIN392389 and ABIN2842017), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of AIK (arrow) using rabbit polyclonal hAIK- (ABIN392389 and ABIN2842017). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the AIK gene (Lane 2) (Origene Technologies).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN392389 | 09/12/2023 | Copyright antibodies-online. All rights reserved.